Development of New Chemicals for Control of Harmful Algal Blooms

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Objective: Develop algal-species selective application strategies to prevent blooms



Approach: Laboratory studies

Microcystis aeruginosa closed Lake Steilacoom, Pierce Co, WA, 2006

Major Findings / Progress

- Conducted preliminary tests with Lyngbya
- Partnered with 3 groups
 - U of MS: Species that cause off-flavor in catfish
 - U of SC: Species that cause AVM* in eagles and waterfowl
 - Purdue: Species that produce toxins or cause taste & odor problems in drinking water

*Avian Vacuolar Mylinopathy – Neorological disease caused by toxic algae growing on *Hydrilla*











